ABSTRACT OF THE DISCLOSURE

The invention relates to a clamp unit for Do-It-Yourself (DIY) solid wood flooring having a first clamp, a second clamp and two spring clips. The first clamp includes a first protrusion, a T-shape protrusion disposed at the junction of two adjacent solid wood panels, and a tongue formed on the inner side of the first clamp and extended along a first clamp groove. The second clamp includes a second protrusion, a groove formed at the inner side of the second clamp and matching the tongue of the first clamp for engaging into each other, and a second clamp groove formed inside of the second clamp. The spring clips each include an opening mouth that fits tightly into the first and second grooves so that the first and second clamp are merged into one clamp unit. This allows the gap between the solid wood panels to automatically adjust and is suitable for irregular floor configurations.